



# TACHYON

Press play.

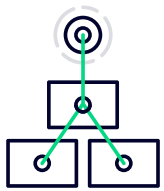
Specifications & features  
Q3|2022





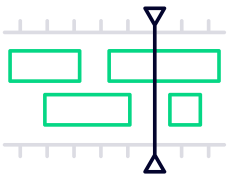
## Playback

- VCI Compressed (H.264 based) with Alpha Support
- Up to 6 X 4K@30p medias per system (or 24 x 1080@30p)
- Frame blending
- Speed control & multiple loop modes
- Multi-server network synchronization



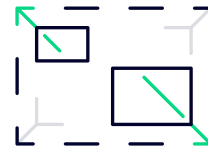
## File Management

- Centralized network management
- Media versioning



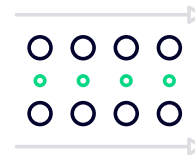
## Timeline

- Compositing & editing
- Universal crossfade  
Crossfade to and from any position in time
- Screen internal time  
Parallel autonomous timelines
- Screen mixer  
Independent screen sequencers and mixers
- Professional grading tools



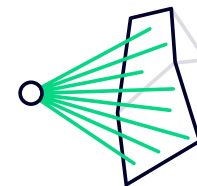
## I/O

- Up to 4 x 4K licensed outputs
- MIDI
- DMX input
  - Art-Net
  - sACN
- Audio
  - ASIO
- Video capture
  - NDI



## Show Control

- Cues
- I/O control mapping
- Timecode
  - MTC
  - LTC
  - OS Clock



## 3D Scene

- 3D calibration
- Automatic blending
- LED processor management
- Supported formats
  - .OBJ
  - .FBX



## Chassis Dimensions & Weight

Height	188.10 mm	7.40"
Width	70.20 mm	2.76"
Depth	178.65 mm	7.03"
Weight	1.90 kg	4.19 lbs

## Ports & Connections

1	Power Button
2	Universal Audio Jack
3	Audio Line Out/Line In Port
4	USB 3.2 Gen 2 Type-C (10Gbps)
5	USB 3.2 Gen 2 with PowerShare (10Gbps)
6	RJ-45
7	USB 3.2 Gen 1 with SmartPower-On
8	USB 3.2 Gen 2 (10Gbps)
9	USB 3.2 Gen 1
10	Wedge Lock
11	Display Port 1.4 (not used for TACHYON)
12	Display Port 1.4 (not used for TACHYON)
13	Power Adapter Port
14	Mini Display Port 1
15	Mini Display Port 2
16	Mini Display Port 3
17	Mini Display Port 4

# SPECIFICATIONS



## PSU Dimensions & Weight

Height	26 mm	1.02"
Width	200 mm	7.87"
Depth	100 mm	3.94"
Weight	0.75 kg	1.70 lbs



## Hardware

NVidia Quadro RTX3000

256GB SSD (OS)

256GB NVME SSD (Media)

16GB DDR4 RAM

Intel Core i9 10900 CPU

No WiFi

3-year hardware warranty facilitated by Dell EMC